**ARC Week at Glance**

**Subject: Projectile Motion Course: AP Physics Grade: 10-12 Dates: 9/16/24\_9/20/24**

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|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Catapult Construction Research** | **Design Process Padlet** |
| **Tuesday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Build Catapults** | **Design Process Padlet** |
| **Wednesday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Test run of catapults. Collect preliminary data** | **Design Process Padlet** |
| **Thursday (Sub Plans)** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile |  | **Catapult research and refinement** | **Design Process Padlet** |
| **Friday** | I am learning how to apply projectile motion to create a piece of art | I can engineer a machine to launch a projectile | AP Physics Practice Problem | **Catapult Rebuild and retest** | **Design Process Padlet** |

**\*** Exit Ticket/Final Stretch Check  Electronic Tools  Dry Erase Boards – quick checks  Turn & Talk Discussion (verbal responses)  Teacher Observation – document Clipboard

Quick Write/Draw  Annotation  Extended Writing  Socratic Seminar  Jigsaw  Thinking Maps  Worked Examples  Other : \_\_\_\_\_\_\_\_\_\_\_